WINNIE LIANG

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EDUCATION

STATE UNIVERSITY OF NEW YORK AT BUFFALO - Computer Science B.S. '14-'16 GPA: 3.014
Relevant Coursework:
Data Structures, Algorithm Analysis, Digital Systems, Programming Language, Operating Systems, Data Mining, Software Engineering, Programming Languages, Theory of Computation, Machine Learning, Computer Vision and Image Processing

TECHNICAL SKILLS

Back-end: Java (Proficient), C++, Python
Front-end: HTML/Javascript, CSS, JSP
Frameworks/Database: Apache Tomcat, Maven, Spring MVC, Hibernate, Bootstrap, MySQL, H2 Database, Derby
Tools: Eclipse, Github, Heroku, Wordpress, Adobe Photoshop, GIMP, Piktochart
Skills: Object-oriented programming, Agile practices, Scrum, Git, MacOSX

EXPERIENCE

COMPUTING EXPERIENCE

Independent Project, *E-Commerce Music Store* | Java Web Application   **Nov 2016**
- An e-commerce online music store that involves front and back end for users to browse and search products. Users can add products to shopping cart and checkout. Admins can manage product inventory.
- Built using Spring, Hibernate, Angular JS, JSP, Bootstrap, H2 Database

HackRPI, *RobBot* | Javascript Twitter Bot   **Nov 2016**
- A smart Twitter bot developed to fend off online harassment by scanning twitter feed in local area and replying to harassing tweets. Data is saved to a text file.
- Back-end developed with Javascript using Node.js, twit API, Twitter API. Front-end: HTML, CSS, Bootstrap

Independent Project, *Chat Engine* | Java Web Application   **Oct 2016**
- The simple chat engine prompts users to enter username of choice and chat with others in the chatroom.
- Built with Apache Tomcat, Oracle Database and Derby to connect to database that stores messages.

Independent Project, *File Editor* | Java Application   **Sept 2016**
- A program that mimics basic file editor functionalities: open, type, draw, save files. Consists of a File buffer, Scratch buffer, and Shell buffer that are tied together by an Editor class.

UBHackathon, *IBetterMe* | Android Application   **Nov 2015**
- A mobile application that aims to improve the lives of people with disabilities. Includes a medical note reminder, voice recognition from speech to text, and voice commands.
- Front-end developer and graphic designer

WORK EXPERIENCE

Employer and Alumni Relations Team, UB Career Services   **Sept 2015 - Aug 2016**
- Provide general support and assistance for trend research and hiring opportunities
- Overlook school's career fest mobile app and BullsEye - job search engine for connecting employers with students
- Surpassed demands for analyzing statistical data and generating employer engagement scales reports

Student Assistant, UB Academic Services for Student Athletes   **July 2014 - May 2015**
- Fulfill academic and progress reports and assigned projects from advisors, admin assistant, and Sr. Associate AD
- Administrative work and monitoring of athletes during academic study hours

ORGANIZATIONS

Association of Computing Machinery - UB ACM   **Jan 2015 - May 2016**
- A participant and marketing team member of this SUNY Buffalo Department of Computer Science club.

Scientista Foundation Chapter of UB   **Jan 2015 - May 2016**
- A member of the Scientista Foundation chapter that supports women in science and engineering.